

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Tsann Lin et al.

SERIAL NO.: GROUP ART UNIT:

FILED: EXAMINER:

FOR: **Method For Manufacturing A Dual Spin Valve Sensor  
Having A Longitudinal Bias Stack**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Sir:

Please enter the following preliminary amendment

**In the Title:**

On page 1, line 1 please delete the title and replace with the following new title: "METHOD FOR MANUFACTURING A DUAL SPIN VALVE SENSOR HAVING A LONGITUDINAL BIAS STACK".

**In the Specification:**

On page 1 line 4, please add the following:

"This application is a divisional of application serial number 10/115,825 filed on 04/02/02, entitled "DUAL SPIN VALVE SENSOR WITH A LONGITUDINAL BIAS STACK".

On page 51 line 1 please delete the title and replace with the following  
new title: "METHOD FOR MANUFACTURING A DUAL SPIN VALVE SENSOR  
HAVING A LONGITUDINAL BIAS STACK".